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# McLean BULB BULLETIN

McLEAN BULB FARMS • ELMA, WASHINGTON



MAGNIFICENCE

# OFFICIAL DAFFODIL CLASSIFICATION

Revised January 1, 1950

**DIVISION I. Trumpet Narcissi of Garden Origin.** Distinguishing characters: One flower to a stem; Trumpet or Corona as long or longer than the perianth (petals). **Sub-divisions:** (a) Perianth colored; Corona colored, not paler than the Perianth. (b) Perianth white; Corona colored. (c) Perianth white; Corona white, not paler than the Perianth. (d) Any color combination not falling into (a), (b) or (c).

**DIVISION II. Large-Cupped Narcissi of Garden Origin.** Distinguishing characters: One flower to a stem; Cup or Corona more than one-third, but less than equal to the length of the Perianth segments. **Sub-divisions:** (a), (b), (c) and (d) represent the same color combinations as in Division I.

**DIVISION III. Small-Cupped Narcissi of Garden Origin.** Distinguishing characters: One flower to a stem; Cup or Corona not more than one-third the length of the Perianth segments. **Sub-divisions:** (a), (b), (c) and (d) represent the same color combinations as in Division I.

**DIVISION IV. Double Narcissi of Garden Origin.** Distinguishing characters: Double flowers.

**DIVISION V. Triandrus Narcissi of Garden Origin.** Distinguishing characters: Characteristics of *Narcissus triandrus* clearly evident. (Flowers are more or less drooping, of elegant form and graceful habit.) **Sub-divisions:** (a) Cup or Corona not less than two-thirds the length of the Perianth segments. (b) Cup or Corona less than two-thirds the length of the Perianth segments.

**DIVISION VI. Cyclamineus Narcissi of Garden Origin.** Distinguishing characters: Characteristics of *Narcissus cyclamineus* clearly evident. (Trumpets straight and tube-like; Perianths reflexed as in a *Cyclamen*.) **Sub-divisions:** (a) and (b) represent the same Cup-Perianth ratios as in Division V.

**DIVISION VII. Jonquilla Narcissi of Garden Origin.** Distinguishing characters: Characteristics of any of the *Narcissus Jonquilla* group clearly evident. **Sub-divisions:** (a) and (b) represent the same Cup-Perianth ratios as Division V.

**DIVISION VIII. Tazetta Narcissi of Garden Origin.** Distinguishing characters: Characteristics of any of the *Narcissus Tazetta* group clearly evident. (Bear their flowers in clusters and are usually very fragrant.)

**DIVISION IX. Poeticus Narcissi of Garden Origin.** Distinguishing characters: Characteristics of the *Narcissus Poeticus* group without admixture of any other. (Perianths are snowy white; Cups are small and flat with yellowish eyes edged scarlet or crimson, all are sweet scented and unequalled for naturalizing.)

**DIVISION X. Species and Wild Forms and Hybrids.** All species and wild, or reputedly wild, forms and hybrids.

**DIVISION XI. Miscellaneous Narcissi.** All Narcissi not falling into any of the foregoing Divisions.

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**MAGNIFICENCE** (See picture on front cover). 1a (Rev. G. H. Engleheart) 1914; F.C.C. and A.M.; very early. One of the earliest of the yellow trumpets. Flowers are of the deepest golden yellow; trumpet is widely expanded.

*Three \$0.75, Six \$1.15, Doz. \$2.05, 25 \$4.00, 100 \$15.00*

**EXPLANATION:** 1a indicates the Division according to the Daffodil Classification. (Rev. G. H. Engleheart) is the grower or introducer; 1914, year introduced; F.C.C. and A.M. are the honors received. The highest award made to Daffodils is the F.C.C., First Class Certificate; next highest award is the A.M., Award of Merit.

SUMMER 1952

*McLean*

BULB  
BULLETIN

McLEAN BULB FARMS • ELMA, WASHINGTON

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**TUNIS**

**TUNIS.** 2b (P. D. Williams) 1927; F.C.C. and A.M.; mid-season. Broad white perianth and large, bold, expanded ivory crown which has a frill of pale coppery gold at the edge. A tall, robust grower.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

# HOW TO GROW FINE DAFFODILS

Should I plant Daffodils the same way I plant Narcissus? You might as well—they are one and the same thing. The terms "Narcissus" and "Daffodil" are interchangeable; there exists a tendency to apply the name "Daffodil" to the varieties in which the trumpet or crown is as large or larger than the petals; while the name "Narcissus" is usually used for the varieties having small cups or crowns. Jonquils are also a type of Narcissus; they usually bear their flowers in clusters and have rush-like foliage. The name "Narcissus" is correct for any or all of the different types.

The first and most important step in planting Daffodils is to start with good healthy bulbs. "Washington Grown" Daffodils are now conceded to be the finest produced anywhere in the world. This fact is now recognized by leading greenhouse operators and seedsmen.

The excellency of these bulbs is due to a great many factors. Foremost among these is the most perfect climatic conditions for the growing and curing of hardy bulb stocks. The mild wet winters make for perfect growing conditions: The cool summers and proper atmospheric conditions are ideal for the proper curing of the bulbs.

Northwest grown Daffodils lead the world in freedom from disease. This fact has been established many times at Quarantine hearings held in Washington, D.C., by the U.S. Department of Agriculture.

Daffodils will thrive in any well drained garden soil. Prepare the soil deeply, 12 inches or more is best. Plant at least 6 inches deep, extra large bulbs are better planted 7 or 8 inches deep. (Some varieties make larger bulbs than others.)

Daffodils show off to best advantage when planted in clumps or drifts of six or more bulbs. The bulbs may be spaced four to six inches apart.

Plant your bulbs as early in the fall as possible; early September is the ideal time. Early planting is especially important in cold climates; the bulbs must establish a good root growth before the ground freezes. A mulch of straw or leaves will be beneficial in very

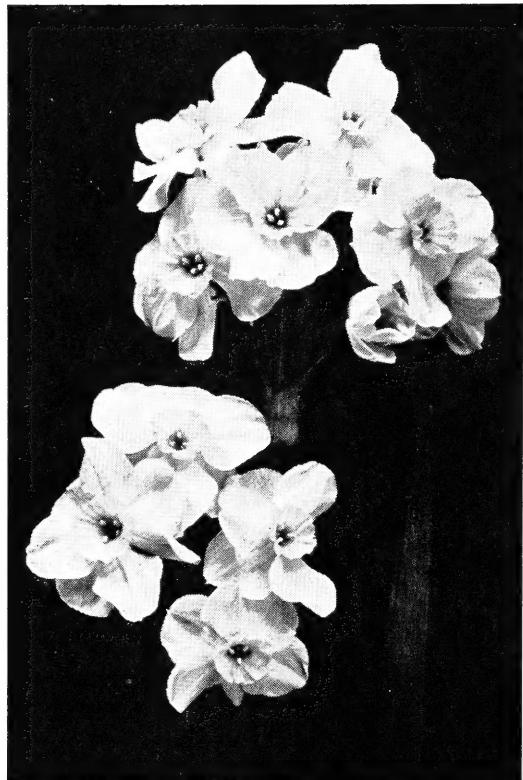
severe climates. If the mulch is applied after the first freeze, it will prevent thawing and heaving.

No manure should come in contact with the bulbs. If the soil needs fertility, use bone meal at the rate of one-fifth pound to the square yard. This should be thoroughly mixed with the soil under the bulbs. A light application of any good commercial fertilizer may be used if bone meal is not available.

Should Daffodils be watered? Well now, that is something we haven't given much thought as Mother Nature gives us such an abundance of moisture during the fall, winter and spring here in the Northwest. A friend in Southern California tells us it may be necessary to water Daffodils in that area. Their fall rains usually begin in November—when the rains come, the Daffodils start root growth. If there is lack of moisture during mid-winter, the Daffodils should be watered as they must keep growing continually until they bloom. In cold climates it may be wise to water the Daffodils from planting time until the natural fall moisture can take care of them. Anything done to start the bulbs rooting early will be well worth the effort. Daffodils may be watered in the spring after they have bloomed. The longer you can keep the foliage green—the better flowers you will have the following year. **Do not** water Daffodils during the summer months while the bulbs are dormant.

Flowers of Daffodils may safely be cut for indoor decoration. The early morning and late afternoon are the best times of day to gather Daffodils. The leaves of the plant should never be cut.

Daffodils are best dug and separated every two or three years in the garden; when used for naturalizing in grass or wooded places they may be left undisturbed for years. Bulbs should be dug when the foliage turns yellow and lays flat on the ground, it need not be completely dry. After digging they may be planted any time until fall. If you do not have good storage facilities, replant the bulbs as soon as possible after digging. Never dig in the fall; to do so may cause them to skip one year's bloom; should they bloom, flowers will be few and small.



LAURENS KOSTER (See Page 16)

## NARCISSUS FOR INDOOR BLOOMS

Almost any of the Daffodils listed in this booklet may be forced to bloom indoors; however, the shorter stemmed varieties are most suitable.

Pot the bulbs as soon as received in a good loam soil. Some sand and peat moss mixed with the soil will be beneficial, also a small amount of bone meal; about two pounds to a bushel of soil. Bulbs should be potted shallow, tops of bulbs being about level with the top of the pot.

Old pots should be washed thoroughly, new ones should be soaked. Place a few pieces of charcoal or fragments of broken pots over drainage hole. A little ground peat in the bottom regulates drainage and retains moisture.

Bury the pots outside under six inches of soil or ashes, water well. In 10 to 12 weeks move to the cellar, or any cool dark place for about two weeks. For a succession of bloom

bring pots in at weekly intervals, bringing in the earliest varieties first.

Tops should now be several inches above the soil and buds showing. Pots may now be brought inside to a temperature of 50 to 60 degrees. Later when the flower buds are well advanced the temperature may be increased to not over 65. To put them where the heat is greater may cause the buds to come "blind". A little liquid manure once a week will hasten the blooming and improve the quality.

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## NO FLOWERS THIS YEAR

Our big healthy Northwest grown Daffodil bulbs will almost always give good blooms the first year regardless of the care they may receive in the home garden. Occasionally our friends will run into trouble during the following years.

The nourishment and flower bud for the next year come from the leaves of the plant. Cutting the foliage before it is fully ripened is the most common cause of bloom failure. Digging the bulbs before the foliage turns yellow and lays flat on the ground will also spell trouble.

The Narcissus bulb fly is our worst insect enemy. This big fat lazy fly, resembling a bumble bee, appears in April, May or June. Dusting with 5% DDT or Chlordane should prevent any fly damage; apply at ten day intervals during these three months. Be sure to get the dust around the base of the plant where the fly lays eggs.

A fungus sometimes attacks the root plate and the bases of outer bulb scales, causing what is known as Basal Rot. The decayed portion does not become slimy or damp, but rather dry and spongy. This disease is much more prevalent in wet soils than in well drained ones, and frequently disappears when bulbs are transferred to well drained ground.

# DIVISION I -- TRUMPET DAFFODILS

**ADVANCE GUARD.** 1a (R. H. Bath) 1923; A.M.; early. Intense deep golden yellow throughout; mouth of trumpet is heavily crinkled and laciniated and of remarkable texture, remaining in fine condition for an unbelievable length of time. Long stems, short neck; looks you in the eye.

*Three \$1.00, Six \$1.75, Doz. \$3.25, 25 \$6.50*

**ALASNAM.** 1a (de Graaff Bros.) 1923; early. Wide short, densely frilled trumpet of pure deep yellow; perianth a shade lighter. Good pot plant.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**BEERSHEBA.** 1c (Rev. G. H. Engleheart) 1923; F.C.C. and A.M.; early mid-season. A truly magnificent flower, all white, nearly five inches across. The large perfectly flat perianth and long, beautifully flanged trumpet make this the perfect show flower. Fine form and remarkable substance.

*Three \$1.15, Six \$2.05, Doz. \$3.85, 25 \$7.75*

**BEN HUR.** 1a (de Graaff Bros.) 1927; A.M.; early mid-season. A glorious "loud speaker" trumpet of pure Roman Gold, deeply frilled, 2½ inches across at the mouth. Finely proportioned.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$5.00*

**COMMANDER-IN-CHIEF.** 1a (M. van Waveren & Sons) 1942; early mid-season. Bright deep yellow trumpet heavily laciniated at the brim. Well formed perianth a shade lighter. Large imposing flower.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**DIOTIMA.** 1a (de Graaff Bros.) 1927; early. Considered by many to be the best of the new super-giant yellow trumpets. The flower is beautifully proportioned and is carried gracefully on stems two feet tall.

*Three \$1.15, Six \$2.00, Doz. \$3.75, 25 \$7.50*

**GLORY OF SASSENHEIM.** 1b (van Konijnenburg) 1923; early mid-season. Rich yellow trumpet, fine white perianth; good form.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**GOLDEN HARVEST.** 1a (Warnaar & Co.) 1927; early. Deep golden yellow trumpet; overlapping perianth of clear yellow. Excellent for pots.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**IMPERATOR.** 1c (de Graaff Bros.) 1923; mid-season. Broad, milk-white perianth with large widely expanded creamy-yellow trumpet, gradually turning to white. A fine large free-flowering variety.

*Three \$1.15, Six \$2.05, Doz. \$3.85, 25 \$7.75*

**KING ALFRED.** 1a (J. Kendall) 1899; F.C.C.; early. A deep golden yellow flower of wonderful substance; stiff two-foot stems.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

Continued on page 8

## COLLECTION A MIXED DAFFODILS

A hand selected mixture of a great many varieties, including Trumpets, Short Cups in white, yellow and bicolors, Red Cups, etc. The greatest assortment ever offered at this low price. Not individually labeled.

**25 Bulbs — postpaid \$2.00**

## COLLECTION B DAFFODIL SAMPLER

One bulb each of 15 different Daffodil varieties. All in one bag, not individually labeled. Our finest varieties are included in this collection.

**15 Bulbs — postpaid \$2.25**

### Trumpet Daffodils (Continued)

**LORD WELLINGTON.** 1a (Rev. G. H. Engleheart) 1931; early mid-season. One of the most beautiful of all yellow trumpet Daffodils. The enormous flowers are carried on tall stiff stems. Foliage is wide and stiff.

*Three \$0.95, Six \$1.60, Doz. \$2.90, 25 \$5.75*

**MAGNIFICENCE** (See picture on front cover). 1a (Rev. G. H. Engleheart) 1914; F.C.C. and A.M.; very early. One of the earliest of the yellow trumpets. Flowers are of the deepest golden yellow; trumpet is widely expanded.

*Three \$0.75, Six \$1.15, Doz. \$2.05, 25 \$4.00, 100 \$15.00*

**MILO.** 1c (Rev. G. H. Engleheart) 1923; early mid-season. The broad white perianth is slightly pointed; the widely expanded trumpet is beautifully frilled white with a pretty green base.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**MRS. E. H. KRELAGE.** 1c (Krelage) 1912; F.C.C. and A.M.; early mid-season. Often described as the "White King Alfred". Perianth pure white; trumpet opens pale lemon and turns creamy white, nicely recurved.

*Three \$0.90, Six \$1.60, Doz. \$2.90, 25 \$5.75*

**PRESIDENT LEBRUN.** 1b (P. D. Williams) 1942; A.M.; mid-season. A beautiful show variety. The bone white perianth is large and overlapping; refined deep yellow trumpet with a slight tinge of orange.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**QUEEN OF BICOLORS.** 1b (Krelage) 1940; early mid-season. Large bold trumpet of deep golden yellow; the color from the trumpet runs into the petals giving a most charming effect. White perianth.

*Three \$0.75, Six \$1.35, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**ROBINHOOD.** 1a; early mid-season. The flat perianth is of light yellow; trumpet of deep orange yellow. Distinct and outstanding, the nearest yet to an orange long trumpet Daffodil.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**ROMAINE.** 1c (de Graaff Bros.) 1944; A.M.; early. Large substantial flower, fine substance and very robust grower. Pure white perianth; large rolled back trumpet opening pale lemon, turning ivory.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**ROXANE.** 1c (van Tubergen) 1927; F.C.C. and A.M.; early mid-season. Pure white overlapping perianth with large trumpet of cream white, frilled and laciniated at the mouth. Flowers stand erect on strong stems. It is rated as one of the finest for pot culture.

*Three \$1.15, Six \$2.05, Doz. \$3.85, 25 \$7.75*

**SPRING GLORY.** 1b (de Groot) 1914; early mid-season. Trumpet is pure yellow; perianth white and of good form. Highly recommended.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**STRESA.** 1c (P. van Deursen) 1938; early mid-season. Perianth of white; trumpet is lemon when first opening, turning to very light lemon when in full bloom. Trumpet is beautifully rolled and crinkled at the mouth. A giant, often five inches across. A most striking flower.

*Three \$1.50, Six \$2.75, Doz. \$5.00*

**UNSURPASSABLE.** 1a (G. Lubbe & Son) 1929; F.C.C.; early. A super-giant of pure golden yellow. Large trumpet of velvet-like texture is rolled back at the mouth and nicely crinkled.

*Three \$1.25, Six \$2.25, Doz. \$4.00, 25 \$7.75*

**VAN WAVEREN'S GIANT.** 1a (M. van Waveren & Sons) 1900; F.C.C.; early mid-season. Enormous flower with deep yellow trumpet; perianth of yellowish-white. Outer petals are exceptionally broad and the inner ones usually slightly twisted, making the flower more graceful.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**ALL PRICES QUOTED ARE POSTPAID**

#### COLLECTION C

#### TRUMPET DAFFODILS

Three bulbs each of these four outstanding Trumpet Daffodils: **GOLDEN HARVEST**, giant all yellow; **MRS. E. H. KRELAGE**, the "White King Alfred"; **ROBINHOOD**, closest to an orange trumpet; **SPRING GLORY**, white petals with yellow trumpet.

**12 Bulbs, 4 varieties, only \$2.75**

#### COLLECTION D

#### LARGE CUPPED NARCISSUS

Three bulbs each of the following Large Cupped Narcissus: **DAISY SCHAFER**, white with yellow crown; **DICK WELLBAND**, white perianth and flame orange cup; **JOHN EVELYN**, white petals with frilled yellow cup; **SCARLET ELEGANCE**, brilliant yellow perianth, bright orange red cup.

**12 bulbs, 4 varieties, only \$2.65**

## DIVISION II LARGE CUPPED NARCISSUS

**AEROLITE.** 2a (de Graaff Bros.) 1923; early. The large flower is beautifully proportioned, giving the impression of gracefulness, despite its size. Perianth deep primrose; pure yellow trumpet.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**BEAUCAILLOU.** 2b (Zwetsloot) 1943; A.M.; late mid-season. Perianth glistening white; cup of clear deepest orange. Tall stems with flowers high above the foliage. Excellent for exhibition work.

*Three \$1.20, Six \$2.20, Doz. \$4.10, 25 \$8.25*

**BODILLY.** 2b (P. D. Williams) 1925; F.C.C. and A.M.; mid-season. Splendid bi-color posed on tall, stiff stems. Flat, overlapping glistening white perianth with deep bowl of clear lemon.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**CARBINEER.** 2a (A. M. Wilson) 1927; F.C.C. and A.M.; early mid-season. Rich clear yellow perianth with deep orange-red cup.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.50*

**CARLTON.** 2a (P. D. Williams) 1927; F.C.C. and A.M.; mid-season. A fine clear yellow self-color of great size. Flat overlapping perianth and large expanded crown frilled at the brim.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**CARMENCITA.** 2b (Mrs. R. O. Backhouse) 1929; A.M.; mid-season. The large overlapping perianth is a charming tint of pale apricot; large frilled crown of deep orange-scarlet. Good long stems.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**CENTRAL PARK.** 2b; mid-season. Perianth of cream-white; slightly reflexed. The expanded cup is orange-red, the color running into the perianth.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

**CLAMOR.** 2b (de Graaff Bros.) 1936; late mid-season. Creamy white perianth with yellow cup, edge bright red.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**COVERACK GEM.** 2b (Brodie) 1928; A.M.; mid-season. Milk-white perianth is overlapping. Flat cup of deep yellow is broadly edged brilliant orange. One of the most outstanding varieties for exhibition purposes.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

Continued on page 10

**COLLECTION E****LARGE CUPPED — YELLOW**

Three bulbs each of these four beautiful Large Cupped Narcissus: **CARLTON**, all yellow; **FORTUNE**, famous yellow with soft orange crown; **SHEHERASADE**, pure chrome yellow; **WHITELEY GEM**, golden yellow perianth, fluted orange cup.

**12 Bulbs, 4 varieties, only \$2.65**

**COLLECTION F****NOVELTY DAFFODILS**

One bulb each: **BEERSHEBA**, white; **DIOTIMA**, yellow; **SCARLET LEADER**, cream and orange-scarlet; **EL PASO**, yellow with orange cup; **CAROLINA**, dainty small cup; **SHOT SILK**, triandrus; **MARTHA WASHINGTON**, ta-zetta; **IRENE COPELAND**, favorite double.

**8 Bulbs, 8 varieties, only \$2.50**

**Large Cupped Narcissus (Continued)**

**DAISY SCHAFFER.** 2b (de Graaff Bros.) 1927; F.C.C. and A.M.; mid-season. One of the finest in the large cupped type. The flower is 4 1/2 inches across, with cup nearly 2 inches, resembles a Giant Trumpet, but much more graceful in form. Perianth pure white with cup opening primrose and turning to light canary-yellow.

*Three \$0.90, Six \$1.50, Doz. \$2.75, 25 \$5.50*

**DAMSON.** 2a (P. D. Williams) 1925; A.M.; mid-season. Perianth is very light yellow; overlapping; the long cup is an intense fuchsia-red. Tall and free-flowering, attracting much attention at a distance.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**DICK WELLBAND.** 2b (Mrs. R. O. Backhouse) 1929; A.M.; mid-season. Perianth is pure white and the cup flame orange. The color does not fade but rather intensifies with age. Truly a fine exhibition flower.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**DORIS.** 2b; late mid-season. A giant large-cupped bicolor of perfect form. Beautiful cream-white overlapping perianth; short cup of primrose yellow.

*Three \$1.00, Six \$1.75, Doz. \$3.25, 25 \$6.50*

**ELDORADO.** 2a; mid-season. Perianth of primrose; cup of deep yellow with a bright orange edge; nicely frilled, good substance.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**EL PASO.** 2a; early. Bright yellow perianth with large, blazing orange cup. Color does not fade. Best early orange-cup in this class.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

**ERIE.** 2a (F. Rijnveld & Sons) 1939; early mid-season. Medium sized cup of solid, deepest, flaming orange. Perianth of orange yellow, giving the appearance that some of the color from the cup has blended into the perianth. Tall stems hold the beautiful flower above the foliage.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

**FORTUNE.** 2a (Ware) 1923; F.C.C. and A.M.; early. Broad creamy yellow perianth of very solid texture; glowing soft orange crown of great size and elegant form, beautifully frilled. Destined to become the world's leading commercial variety for the cut flower trade.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**FRANCISCA DRAKE.** 2b (Mrs. R. O. Backhouse) 1927; A.M.; mid-season. Perianth of silvery-white, tinted gold at the base which shows through on the outside; wide and deep cup is golden yellow at the base, changing to flame-orange at the densely frilled edge. Highly recommended for garden display and cutting; an ideal subject for pot culture.

*Three \$0.75, Six \$1.25, Doz. \$2.30, 25 \$4.50, 100 \$17.00*

**GRATIA.** 2b (de Graaff Bros.) 1938; A.M.; mid-season. Pure white with beautifully frilled lemon cup.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**ALL PRICES QUOTED ARE POSTPAID**

**HADES.** 2b (R. O. Backhouse) 1925; A.M.; late mid-season. The wide expanded cup is deep cherry-red, probably the deepest and darkest vivid red in daffodils. The large perianth is creamy white.

*Three \$0.75, Six \$1.35, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**JOHN EVELYN.** 2b (Copeland) 1920; A.M.; mid-season. An outstanding favorite in the Daffodil world. Large pure white perianth opens perfectly flat and is four to five inches across. The large flat cup of lemon yellow is densely frilled or shirred to the base.

*Three \$0.75, Six \$1.25, Doz. \$2.30, 25 \$4.50, 100 \$17.00*

**LOVENEST.** 2b Pink (Mrs. R. O. Backhouse) 1928; early mid-season. Among the daintiest of the large cupped narcissus; perianth is white; star-shaped and overlapping. The lemon trumpet is nicely recurved and gradually turns white as the flower develops; the mouth of the trumpet turning a delicate shell-pink, the pink being more pronounced in cool climates.

*Three \$1.15, Six \$2.00, Doz. \$3.75, 25 \$7.50*

**MATA HARI.** 2b (Berbee) 1944; mid-season. Large glistening white perianth with wide open bowl of clear apricot. Tall and very good looking.

*Three \$1.20, Six \$2.15, Doz. \$4.10, 25 \$8.00*

**MRS. R. O. BACKHOUSE.** 2b Pink (Mrs. R. O. Backhouse) 1923; late mid-season. Fine informal perianth of ivory white; slim long trumpet of apricot pink, turning to a deeper pink at the deeply fringed edge. Delicately beautiful but of exceptional substance; long lasting.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**MONTE CARLO.** 2a (P. D. Williams) 1931; A.M.; mid-season. Large golden yellow, five inches across; very large bowl beautifully frilled.

*Three \$1.20, Six \$2.15, Doz. \$4.10, 25 \$8.00*

**PENQUITE.** 2a (P. D. Williams) 1930; A.M.; mid-season. Clear yellow, rounded perianth with a short dark orange crown. Fine show flower.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**POLINDRA.** 2b (P. D. Williams) 1927; F.C.C. and A.M.; mid-season. White perianth of excellent form, wide open cup of deep lemon yellow.

*Three \$2.25, Six \$4.35, Doz. \$8.50, 25 \$17.00*

**PORTHILLY.** 2a (P. D. Williams) 1927; F.C.C. and A.M.; late mid-season. Large and tall, of beautiful form and quality. Broad, smooth, clear yellow perianth; the open cup is beautifully frilled and the most amazing deep and intensely vivid orange-crimson.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

**ST. EGWIN.** 2a (P. D. Williams) 1927; F.C.C. and A.M.; late mid-season. An outstanding giant flower, over 5 inches across and stands two feet high. Perianth segments very broad and overlapping. Short crown beautifully proportioned. Uniform, clear, soft yellow throughout.

*Three \$2.25, Six \$4.35, Doz. \$8.50, 25 \$17.00*

Continued on page 12

#### COLLECTION G

#### LARGE CUPPED — BICOLORS

Three bulbs each of four brilliant bicolors: **FRANCISCA DRAKE**, white perianth with yellow orange cup; **HADES**, deepest vivid red cup; **MRS. R. O. BACKHOUSE**, famous pink Daffodil; **TUNIS**, ivory crown edged copper gold.

**12 Bulbs, 4 varieties, only \$2.75**

#### COLLECTION H

#### DAFFODIL FAVORITES

Three bulbs each: **KING ALFRED**, yellow trumpet; **DIANA KASNER**, small cupped bicolor; **TWINK**, semi-double; **THALIA**, the "Orchid Narcissus"; **FEBRUARY GOLD**, first to bloom; **LAURENS KOSTER**, ever popular Tazetta.

**18 Bulbs, 6 varieties, only \$3.25**

### Large Cupped Narcissus (Continued)

**SCARLET ELEGANCE.** 2a (P. D. Williams) 1938; early. A flower of unusual color and rare beauty. Brilliant deep yellow, overlapping perianth; cup of bright orange red. Color does not fade out; extremely showy.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**SCARLET LEADER.** 2a (Mrs. R. O. Backhouse) 1933; F.C.C. and A.M.; mid-season. Well overlapping flat, creamy white perianth; large widely expanded, almost flat, frilled cup of deep orange-scarlet.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**SHEHERASADE.** 2a (Mrs. R. O. Backhouse) 1927; A.M.; mid-season. A very tall variety with citron colored perianth; beautiful proportions. Heavily frilled cup of pure chrome yellow; no trace of orange.

*Three \$0.90, Six \$1.60, Doz. \$2.90, 25 \$5.75*

**SILVER STAR.** 2b (Mrs. R. O. Backhouse) 1927; early mid-season. Perianth of cream-white; wide mouthed trumpet of primrose, changing to cream white.

*Three \$0.75, Six \$1.35, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**SOLARIO.** 2b (Richardson) 1927; mid-season. Star-shaped perianth of light cream, beautifully formed; deep golden bowl.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**SONJA.** 2a (P. D. Williams) 1931; A.M.; mid-season. Large cream overlapping perianth with a conspicuous, large, flat orange-red cup. Tall stems proudly hold the flower high above the foliage.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**TENEDOS.** 2c (Rev. G. H. Englehardt) 1923; A.M.; mid-season. A giant with white, star shaped perianth; very large bowl of lemon yellow.

*Three \$1.35, Six \$2.40, Doz. \$4.50, 25 \$9.00*

**TUNIS.** 2b (P. D. Williams) 1927; F.C.C. and A.M.; mid-season. Broad white perianth and large bold, expanded ivory crown which has a frill of pale coppery gold at the edge. A tall robust grower.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**WHITELEY GEM.** 2a (Brodie) 1928; F.C.C. and A.M.; early. By far the earliest of the red cups to flower. Perianth is deep golden yellow; the finely fluted cup is bright orange.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**WHITE NILE.** 2c (Brodie) 1922; A.M.; very early. On first opening the large cup is pale lemon, changing to almost pure white. The flowers droop slightly but are far above the foliage. A superb garden plant.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

#### COLLECTION J

#### CUT FLOWER DAFFODILS

Six bulbs each—five named Daffodil varieties of our choice. Contains a complete color range of Daffodils especially suitable for cut flower work. Each variety properly labeled.

**30 Bulbs, 5 varieties, only \$2.65**

#### COLLECTION K

#### EXHIBITION DAFFODILS

One bulb each: **COMMANDER-IN-CHIEF**, yellow trumpet; **CARBINEER**, large cupped; **COVERACK GEM**, large cupped; **PORTHILLY**, large cupped; **TEXAS**, full double; **GERANIUM**, Tazetta; **PRESIDENT LEBRUN**, giant bicolor.

**7 Bulbs, 7 varieties, only \$2.20**

# DIVISION III

## SMALL CUPPED NARCISSUS

**CAROLINA.** 3b (Warnaar & Co.) 1930; A.M.; late. Perfectly formed perianth of pure white. The flat cup is yellow with frilled edge of orange.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**CRENVER.** 3b (P. D. Williams) 1927; F.C.C. and A.M.; late mid-season. Very large, pure white perianth with yellow crown, broadly margined red.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**DIANA KASNER.** 3a (Mrs. R. O. Backhouse) 1927; late mid-season. Pure white perianth and a large fluted yellow cup with blood red frill. Is free flowering, has fine long stems and is good for pot culture.

*Three \$0.75, Six \$1.15, Doz. \$1.80, 25 \$3.50, 100 \$13.00*

**EDWARD BUXTON.** 3a (Sandys-Winsch) 1932; A.M.; mid-season. Beautiful flat well formed perianth of deep citron yellow; orange red cup.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

**FAIRY CIRCLE.** 3b (Brodie) 1913; A.M.; mid-season. Overlapping white perianth with broad flat eye of white with apple-green base, margined with a clearly defined pink rim. A most beautiful and dainty flower.

*Three \$1.00, Six \$1.75, Doz. \$3.25, 25 \$6.50*

**GREEN MANTLE.** 3b (Donard) 1932; late. Snow white perianth, overlapping and somewhat reflexed. The short cup is creamy-white with narrow primrose margin at the edge, nicely frilled. Base of the cup is tinted yellowish apple-green, the green running into the perianth.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**LADY DIANA MANNERS.** 3b (Mrs. R. O. Backhouse) 1925; A.M.; late mid-season. Broad, pure white perianth of good texture; cup of yellow is nicely frilled blood-red. Tall stems, excellent grower and free flowering.

*Three \$0.75, Six \$1.20, Doz. \$2.20, 25 \$4.25, 100 \$16.00*

**LADY KESTEVEN.** 3b (Mrs. R. O. Backhouse) 1933; A.M.; late mid-season. Pure snow white perianth with bright red crown.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

**MYSTIC.** 3b (G. L. Wilson) 1923; A.M.; very late. Large overlapping perianth is glistening white. The flat cup is white, shading to a soft cool apple-green in the center, with narrow rim of pinkish orange.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**THERAPIA.** 3b (Brodie) 1927; F.C.C. and A.M.; late mid-season. Very large flat overlapping perianth of ivory white; the large flat yellow cup has a broad deep orange edge. Fine for exhibition.

*Three \$1.45, Six \$2.65, Doz. \$5.00, 25 \$10.00*

### COLLECTION L SMALL CUPPED NARCISSUS

Three bulbs each of four small cupped varieties; **CRENVER**, white with yellow crown edged red; **EDWARD BUXTON**, yellow perianth, orange-red cup; **LADY DIANA MANNERS**, white perianth, yellow cup frilled red; **MYSTIC**, white cup shading to apple-green in the center.

**12 Bulbs, 4 varieties, only \$2.85**

### COLLECTION M DAFFODILS FOR NATURALIZING

A hand selected mixture of a great many varieties suitable for naturalizing. Includes trumpets, short cups, jonquils, tazettas, etc. Plant these in large drifts and leave them undisturbed for years.

**100 Bulbs — postpaid \$7.00**

## DIVISION IV -- DOUBLE DAFFODILS

**CHEERFULNESS.** 4 (R. A. van der Schoot) 1923; F.C.C. and A.M.; late. Erect stems, each bearing a cluster of small blooms with broad, rounded, creamy white perianth and full double center of creamy white and yellow.

*Three \$1.00, Doz. \$1.70, 25 \$3.25, 100 \$12.00*

**DAPHNE.** 4 (F. Culpin) 1914; F.C.C. and A.M.; late. A pure white double Poeticus of the Camellia type, of exquisite beauty; fragrant. Even appeals to those who do not care for doubles. Excellent for pots.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**HOLLAND'S GLORY.** 4 (L. van Leeuwen & Sons) 1927; A.M.; mid-season. Beautiful soft yellow. Some of the flowers resemble a large Camellia while others take the form of a double trumpet.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**INSULINDE.** 4 (Mrs. R. O. Backhouse) 1930; F.C.C.; early mid-season. Creamy white outer petals of wonderful texture; inner petals of intense orange scarlet. Outstanding on the show bench.

*Three \$0.75, Six \$1.30, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**IRENE COPELAND.** 4 (Copeland) 1923; F.C.C. and A.M.; mid-season. Large full double, snow-white with shorter petals of pale lemon. Lovely and distinct; strong stems. Highly recommended.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**MAE WEST.** 4; early mid-season. Large, all yellow, not too double; petals beautifully arranged. Splendid for growing in pots.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**MARY COPELAND.** 4 (Copeland) 1914; F.C.C. and A.M.; late mid-season. Semi-double type; this variety has been termed the most striking double in cultivation. The longer petals are pure cream white, interspersed with shorter petals of lemon and brilliant orange.

*Three \$0.90, Six \$1.60, Doz. \$3.00, 25 \$5.75*

**TEXAS.** 4 (Mrs. R. O. Backhouse) 1928; A.M.; late mid-season. Very large, full double. Golden yellow and deep orange petals in alternate layers. Flowers are often 4 inches in diameter; carried on fine long stems.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**TWINK.** 4 (de Graaff Bros.) 1927; A.M.; early mid-season. Of the semi-double type; alternating petals of primrose and clear orange. A novelty of merit that attracts instant attention wherever seen.

*Three \$0.75, Six \$1.30, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

## DIVISION V -- TRIANDRUS NARCISSUS

**AGNES HARVEY.** 5b (Spurrell) 1902; A.M.; late mid-season. A most dainty all white daffodil of drooping habit, occasionally two on a stem when well grown. Starry perianth with Triandrus type trumpet.

*Three \$0.75, Six \$1.30, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**SHOT SILK.** 5a (de Graaff Bros.) 1933; A.M.; late mid-season. The star shaped creamy white flowers are usually three on a stem. Very good looking, undoubtedly the finest in this class.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**THALIA.** 5a (M. van Waveren & Sons) 1916; mid-season. An exquisite flower of unusually pleasant appearance; three to four pure white flowers on one stem. Often described as the "Orchid Narcissus". Ideal for corsages.

*Three \$0.95, Six \$1.65, Doz. \$3.00, 25 \$6.00*

### COLLECTION N — DOUBLE DAFFODILS

Three bulbs each: **CHEERFULNESS**, the cluster type double; **INSULINDE**, creamy outer petals with inner petals of orange-scarlet; **MARY COPELAND**, most striking semi-double; **HOLLAND'S GLORY**, beautiful soft yellow.

**12 Bulbs, 4 varieties, only \$2.35**

## DIVISION VI CYCLAMINEUS DAFFODILS

**FEBRUARY GOLD.** 6a (de Graaff Bros.) 1923; very early. Perianth golden yellow and reflexed as in a Cyclamen. Trumpet bright clear yellow, fringed at the edge. This little jewel is the first to bloom every spring.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

## DIVISION VII--JONQUILLA NARCISSUS

**GENERAL PERSHING.** 7a (de Graaff Bros.) 1923; early mid-season. A new type of Jonquil hybrid; large as some of the moderately sized trumpet Daffodils but this flower of purest Jonquil gold is much more refined.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**GOLDEN PERFECTION.** 7b (de Graaff Bros.) 1927; F.C.C. and A.M.; mid-season. One of the finest of all the Daffodil family. Two golden yellow flowers nearly four inches across carried on a very sturdy tall stem.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**JONQUILLA CITRINUM.** 10; very late. A rare lemon colored form of Jonquilla Simplex, flowering later and somewhat taller.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**JONQUILLA SIMPLEX.** 10; mid-season. The original sweet scented, single Jonquils; three to five charming rich yellow flowers to the stem. A gem for the rockery; produces very tiny bulbs.

*Six \$0.90, Doz. \$1.45, 25 \$2.75, 100 \$10.00*

**LADY HILLINGDON.** 7b (de Graaff Bros.) 1927; early. Produces one, two and three rich buttercup yellow flowers on tall graceful stems.

*Three \$0.75, Six \$1.35, Doz. \$2.40, 25 \$4.75, 100 \$18.00*

**LANARTH.** 7b (P. D. Williams) 1907; F.C.C. and A.M.; early. The broad rounded perianth is of rich golden yellow; the cup is very shallow and of a lovely golden orange. Good stiff stems.

*Three \$0.80, Six \$1.40, Doz. \$2.60, 25 \$5.00, 100 \$19.00*

**ODORUS CAMPERNELLI.** 10; early. Rich yellow fragrant flowers, two to four on a stem. Erect rush-like foliage, very effective in borders.

*Six \$0.90, Doz. \$1.45, 25 \$2.75, 100 \$10.00*

**ODORUS CAMPERNELLI PLENUS.** 10; early. Fragrant double yellow flowers, resembles a small double rose. Usually two and three to a stem.

*Six \$1.00, Doz. \$1.70, 25 \$3.25, 100 \$12.00*

**ODORUS RUGULOSUS.** 10; early mid-season. Bears rich yellow fragrant flowers, two to four on a stem.

*Six \$0.90, Doz. \$1.45, 25 \$2.75, 100 \$10.00*

**TREVITHIAN.** 7b (P. D. Williams) 1927; F.C.C. and A.M.; mid-season. Large broad perianth is smooth and overlapping; cup is shallow, both of lemon yellow. Two or more flowers on fine strong stems.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

### COLLECTION P

#### JONQUILLA NARCISSUS

Three bulbs each: **GOLDEN PERFECTION**, one of the finest in the Daffodil family; **LADY HILLINGDON**, rich buttercup yellow; **ODORUS CAMPERNELLI PLENUS**, the double Jonquil; **JONQUILLA SIMPLEX**, original sweet scented single Jonquils; **ODORUS RUGULOSUS**, fragrant yellow.

**15 Bulbs, 5 varieties, only \$2.40**

## DIVISION VIII--TAZETTA NARCISSUS

**GERANIUM.** 8 (J. B. van der Schoot) 1930; A.M.; late mid-season. Three to six flowers to the stem; large pure white perianth with beautiful orange red cup. The outstanding show flower of this type.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

**IRMELIN.** 8 (R. A. van der Schoot) 1930; A.M.; mid-season. Generous clusters of four to six flowers. Perianth is crinkled and of pure, glistening white. Deep orange-scarlet cup is beautifully crinkled.

*Six \$1.00, Doz. \$1.70, 25 \$3.25, 100 \$12.00*

**LA FIANCEE.** 8 (Warnaar & Co.) 1937; mid-season. Flowers are large and well placed on long stems. The flat cup of rich tangerine orange is set off by a large overlapping perianth of pure white. Fine for pot culture.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

**L'INNOCENCE.** 8 (van Zonneveld) 1930; early mid-season. White perianth and lemon yellow cup. Excellent for pot culture.

*Six \$1.00, Doz. \$1.70, 25 \$3.25, 100 \$12.00*

**LAURENS KOSTER.** 8 (Albert Vis) 1923; mid-season. Creamy white perianth and lemon yellow cup; usually 5 to 7 on a stem.

*Six \$0.90, Doz. \$1.45, 25 \$2.75, 100 \$10.00*

**MARTHA WASHINGTON.** 8; mid-season. Almost twice the size of other Tazetta narcissus. White perianth with clear orange crown.

*Three \$1.05, Six \$1.90, Doz. \$3.50, 25 \$7.00*

**ORANGE BLOSSOM.** 8 (Dutch origin) 1913; mid-season. Large white perianth with bright orange cup, 5 to 6 on a stem. Vigorous grower.

*Three \$0.75, Six \$1.20, Doz. \$2.25, 25 \$4.25, 100 \$16.00*

**ST. PATRICK.** 8; mid-season. A very rare Tazetta for the collector. Cluster of golden yellow flowers with medium size cups. Semi-dwarf habit.

*Three \$1.20, Six \$2.15, Doz. \$4.10, 25 \$8.00*

**SCARLET GEM.** 8 (P. D. Williams) 1910; F.C.C. and A.M.; mid-season. Primrose-yellow perianth with brilliant orange-scarlet cup.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

**WINTER PRIDE.** 8 (W. P. Mooy) 1931; A.M.; early mid-season. Snow-white perianth; orange yellow cup. Very striking and floriferous.

*Six \$1.00, Doz. \$1.70, 25 \$3.25, 100 \$12.00*

## DIVISION IX--POETICUS NARCISSUS

**ACTAEA.** 9 (Lubbe) 1927; late mid-season. The largest Poeticus and a most beautiful exhibition flower. Broad snow white perianth of great substance and good form. The large eye is margined with dark red.

*Three \$0.75, Six \$1.10, Doz. \$2.00, 25 \$3.75, 100 \$14.00*

**RECURVUS.** 10; very late. The original Pheasant's Eye Narcissus, still very popular. White perianth is slightly reflexed.

*Six \$0.90, Doz. \$1.45, 25 \$2.75, 100 \$10.00*

### COLLECTION Q

#### TAZZETA NARCISSUS

Three each of five outstanding varieties: **IRMELIN**, pure white perianth with orange-scarlet cup; **L'INNOCENCE**, white with lemon yellow cup; **ORANGE BLOSSOM**, white perianth with bright orange cup; **SCARLET GEM**, yellow perianth, orange-scarlet cup; **WINTER PRIDE**, white perianth, orange yellow cup.

**15 Bulbs, 5 varieties, only \$2.45**

# HOW TO GROW BETTER IRIS

Iris rhizomes should be planted during August and September. We do not recommend that you plant in the extreme heat but if it is necessary to do so they should be kept moist and the soil loose. If your winters are cold we suggest an early planting to enable the feeder roots to become well established.

Plant your Iris as soon as received. Do not be alarmed if some rhizomes in your shipment are larger than others as certain varieties tend to grow larger than others although the smaller plants are just as healthy. If you are unable to plant immediately open your package and spread the roots in a cool place and keep them dry. In light soils plant the rhizomes just under the surface of the ground in a hole large enough to allow the full spread of the roots. The top of the new Iris should be just above the level of the ground and in case of very light sandy soils you should plant slightly deeper. At the time of planting be sure your soil is damp and pack it firmly around the plant.

Select a sunny well drained location where the soil is light and easy to work. Be sure that there is no water standing around your new plants as this will cause rot. Iris should have a minimum of a half day of sunshine.

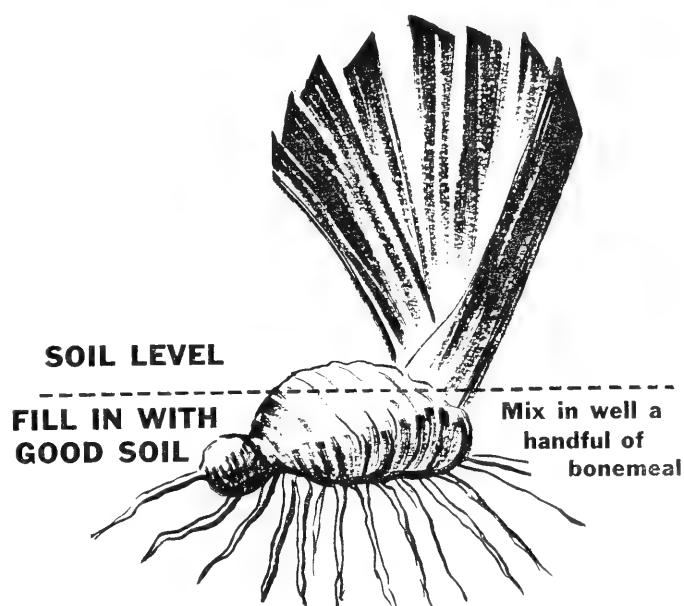
If you have plenty of room in your garden you may space your plants as far as two feet apart although a mass effect will be given if they are planted closer. In some cases they are planted as close as 10 inches but it is necessary to separate them oftener.

As your new plant is planted very close to the top of the ground you should cultivate very shallowly in order not to disturb the feeder roots. Clean cultivation is essential as the rhizome likes sunlight. Therefore, keep all dead leaves and foreign matter away from the plant.

It is very difficult to set a hard and fast rule that will govern the watering of Iris in all parts of the country. As soon as you have planted your new Iris it should be watered and kept damp until the roots system is established. Iris do not require a great amount of water, but should be cultivated soon after watering to prevent the ground from caking.

Fertilize with a non-acid forming fertilizer as Iris prefer a non-acid soil. Steamed bone meal for superphosphate may be used at the time of planting by mixing in a handful and working well into the soil. If you prefer you may do this in the spring. A complete fertilizer such as Vigoro may be used and we suggest that you dust this around your plants. We do not recommend the use of barnyard manure unless it is well rotted and thoroughly worked into the soil before planting time. Be sure that the manure does not come in direct contact with the rhizomes.

All Iris tend to make clumps and to avoid a root bound conditions they should be separated every three or four years. This should be done in mid-summer and as some varieties multiply very rapidly care should be taken in selecting those to be separated.





MASTER CHARLES

## FAMOUS BEARDED IRIS

**AMIGO.** 34" (Williamson) 1934; early mid-season. Striking contrast of light lavender standards with deep purple falls. Each \$0.50, Three \$1.35

EXPLANATION: 34" indicates the approximate height; (Williamson) is the grower or introducer; 1934, year introduced; early mid-season, indicates the approximate blooming period.

**ANGELUS.** 36" (Egelberg) 1937; very late. Large lovely pale pink-lavender blended with cream. Each, \$0.50, Three \$1.35

**AUBANEL.** 38" (Cayeux) 1935; late mid-season. Shrimp pink; pleasant flush of yellow in the heart. Each \$0.50, Three \$1.35

**BERKELEY GOLD.** 36" (Salbach) 1942; late mid-season. Top ranking, large deep yellow self of fine form. Each \$0.75, Three \$2.00

**BLUE RHYTHM.** 38" (Whiting) 1945; late mid-season. Medium blue softened by a silvery overtone. Large flowers on stiff stems. Each \$1.75

**ALL PRICES QUOTED ARE POSTPAID**

<b>BLUE SHIMMER.</b> 38" (J. Sass) 1942; mid-season. Sparkling white with an all-over pattern of blue stippling.	Each \$1.00, Three \$2.75
<b>BRYCE CANYON.</b> 36" (Kleinsorge) 1944; mid-season. Glowing shades of henna and copper. Domed standards and broad falls.	Each \$1.50
<b>CALIFORNIA GOLD.</b> 36" (Mitchell) 1933; late mid-season. Magnificent deep yellow. Large blooms.	Each \$0.50, Three \$1.35
<b>CHANTILLY.</b> 36" (Hall) 1945; mid-season. Most crinkled and ruffled Iris in existence. Delicate shade of orchid-pink.	Each \$2.00
<b>CHEERIO.</b> 40" (Ayres) 1934; early. Rich red standards, flushed old gold. Falls are deeper in color.	Each \$0.50, Three \$1.35
<b>CHINA MAID.</b> 36" (Milliken) 1936; early. Lovely blend of pink, golden bronze and soft lilac.	Each \$0.75, Three \$2.00
<b>CHRISTABEL.</b> 38" (Lapham) 1936; mid-season. One of the greatest rose reds for exhibition and garden display.	Each \$0.50, Three \$1.35
<b>CITY OF LINCOLN.</b> 40" (H. Sass) 1936; mid-season. Huge clear yellow with velvety bright red falls. Many awards.	Each \$0.50, Three \$1.35
<b>COPPER LUSTRE.</b> 36" (Kirk) 1934; mid-season. Glowing copper and gold blend; like a shiny new penny.	Each \$0.50, Three \$1.35
<b>DAYBREAK.</b> 36" (Kleinsorge) 1941; mid-season. Golden pink with slight undertone of copper; slightly ruffled.	Each \$1.00, Three \$2.75
<b>ELMOHR.</b> 36" (Loomis) 1942; late mid-season. Popular rich red-violet. One of the largest of all Iris.	Each \$1.00, Three \$2.75
<b>FAIR ELAINE.</b> 35" (Mitchell) 1938; mid-season. Standards are cream-white; falls rich gold with deep gold beard.	Each \$0.50, Three \$1.35
<b>GARDEN MAGIC.</b> 38" (Grinter) 1936; late. Rich velvet deep red. Not a fast grower; best performance second year.	Each \$0.75, Three \$2.00
<b>GOLDBEATER.</b> 36" (Kleinsorge) 1944; mid-season. Solidly colored chrome-yellow without markings or blendings.	Each \$1.00, Three \$2.75
<b>GRAND CANYON.</b> 38" (Kleinsorge) 1941; mid-season. Subtle blend of plum, copper and gold with golden throat.	Each \$0.75, Three \$2.00
<b>GREAT LAKES.</b> 38" (Cousins) 1938; late mid-season. Flaring pure light blue blooms. Finely and widely branched.	Each \$0.75, Three \$2.00
<b>GUDRUN.</b> 35" (Dykes) 1931; early mid-season. Large snow white variety with shapely blooms of fine texture.	Each \$0.50, Three \$1.35
<b>ICY BLUE.</b> 44" (Weed) 1940; early mid-season. One of the highest ranking light blues. Large blooms on good stems.	Each \$0.50, Three \$1.35

#### COLLECTION R

##### IRIS — Purple and Blue

One each: **GREAT LAKES**, light blue; **GRAND CANYON**, plum and copper; **ICY BLUE**, pale blue; **ELMOHR**, red-violet; **SIERRA BLUE**, medium blue.

5 Bearded Iris, only \$2.95

#### COLLECTION S

##### IRIS — White, Cream and Yellow

One each: **OLA KALA**, deep yellow; **FAIR ELAINE**, cream and gold; **MATHERHORN**, pure white; **BERKELEY GOLD**, large yellow; **GUDRUN**, snow white.

5 Bearded Iris, only \$2.85

### Famous Bearded Iris (Continued)

<b>JEAN CAYEUX.</b> 34" (Cayeux) 1931; mid-season. Frilled flowers of pale brown shot with gold; touch of blue at the beard.	Each \$0.50, Three \$1.35
<b>JUNALUSKA.</b> 36" (Kirk) 1934; mid-season. Standards yellow, suffused bronze; deep velvet maroon falls.	Each \$0.50, Three \$1.35
<b>LADY MOHR.</b> 36" (Salbach) 1944; early mid-season. Oyster shell standards; falls are a frosted chartreuse.	Each \$1.00, Three \$2.75
<b>LOUVOIS.</b> 35" (Cayeux) 1936; mid-season. Light chocolate brown standards; falls a rich and glossy maroon red.	Each \$0.50, Three \$1.35
<b>MARQUITA.</b> 36" (Cayeux) 1931; late mid-season. Huge flowers of creamy yellow with candy striped falls.	Each \$0.50, Three \$1.35
<b>MASTER CHARLES.</b> 38" (Williamson) 1943; mid-season. Smooth and glowing mulberry-purple. Note of brown near the heart:	Each \$1.00, Three \$2.75
<b>MATTERHORN.</b> 38" (J. Sass) 1938; early mid-season. Pure white. Rounded form; no trace of a foreign color.	Each \$0.50, Three \$1.35
<b>MING YELLOW.</b> 36" (Glutzbeck) 1938; mid-season. A yellow without a fault; clear, rich, smooth and big.	Each \$0.75, Three \$2.00
<b>MISS CALIFORNIA.</b> 40" (Salbach) 1936; mid-season. Beautiful and entirely distinct Iris in the orchid-pink shades.	Each \$0.50, Three \$1.35
<b>MOROCCO ROSE.</b> 36" (Loomis) 1937; late mid-season. Large rose pink on fine stems. Good substance and form.	Each \$0.50, Three \$1.35
<b>MULBERRY ROSE.</b> 40" (Schreiner) 1941; mid-season. Lovely mulberry-rose; an unusual shade in the deep pink class.	Each \$1.00, Three \$2.75
<b>OLA KALA.</b> 36" (J. Sass) 1943; mid-season. One of the best deep yellows; so intensely yellow it is almost orange.	Each \$1.00, Three \$2.75
<b>ORMOHR.</b> 36" (Kleinsorge) 1937; mid-season. Giant flowers of a uniform silver-lavender; veined violet.	Each \$0.50, Three \$1.35
<b>PINK REFLECTION.</b> 36" (Cook) 1942; late mid-season. Exquisite chamois skin pink with an undertone of buff.	Each \$1.00, Three \$2.75
<b>PRAIRIE SUNSET.</b> 36" (H. Sass) 1939; mid-season. An artistic blending of pink, apricot and rose. Highly recommended.	Each \$1.00, Three \$2.75
<b>PRINCE OF ORANGE.</b> 40"; late. Solid golden orange flowers; one of the richest things in the garden picture.	Each \$0.50, Three \$1.35
<b>RADIANT.</b> 30" (Salbach) 1936; mid-season. Standards are of burnished orange and the falls a glowing coppery red.	Each \$0.50, Three \$1.35
<b>RED GLEAM.</b> 34" (Lapham) 1939; late mid-season. One of the finest red tones; nearest approach to scarlet in Iris.	Each \$0.75, Three \$2.00

#### COLLECTION T IRIS — Pink Shades

One each: **ANGELUS**, lavender-pink; **CHINA MAID**, pink and bronze; **PINK REFLECTION**, buff pink; **REMEMBRANCE**, pink and cream.

4 Bearded Iris, only \$2.90

#### COLLECTION U IRIS — Red and Rose

One each: **CHRISTABEL**, rose red; **GARDEN MAGIC**, deep red; **RED GLEAM**, almost scarlet; **RED VALOR**, garnet red; **THE RED DOUGLAS**, plush red.

5 Bearded Iris, only \$3.25

**RED VALOR.** 38" (Nicholls) 1939; late mid-season. Jewel-like garnet red. Rich, colorful and imposing. Each \$1.00, Three \$2.75

**REMEMBRANCE.** 38" (Hall) 1942; late mid-season. Splendid pink with a heavy infusion of cream. Each \$1.00, Three \$2.75

**ROYAL SCOT.** 38" (Hall) 1944; mid-season. Marked a plaid red like Highland Scotch kilts. Pleasing plicata of burgundy-red. Each \$0.75, Three \$2.00

**RUTH POLLOCK.** 36" (H. Sass) 1939; late mid-season. Brown red standards stippled deep yellow; clear yellow falls. Each \$0.50, Three \$1.35

**SABLE.** 36" (Cook) 1938; early mid-season. Almost black; a rare novelty of lustrous rich deep blue-black violet. Each \$1.00, Three \$2.75

**SIERRA BLUE.** 40" (Essig) 1932; late mid-season. A smooth medium blue with broad flaring falls of unusual length. Each \$0.50, Three \$1.35

**SOLID MAHOGANY.** 38" (J. Sass) 1944; mid-season. Deep rich brownish red mahogany with a bronzy golden beard. Each \$1.50

**THE ADMIRAL.** 36" (Hall) 1941; late mid-season. Intense blue falls flare in a dashing way. Vigorous, free flowering. Each \$0.75, Three \$2.00

**THE RED DOUGLAS.** 38" (J. Sass) 1937; late mid-season. One of the best—real red of plush-like substance. Each \$0.75, Three \$2.00

**TIFFANY.** 34" (H. Sass) 1938; mid-season. Rose or deep pink stitchings on a gaily painted yellow background. Each \$0.50, Three \$1.35

**TREASURE ISLAND.** 36" (Kleinsorge) 1937; late mid-season. Massive clear vivid yellow; lighter cream at the center. Each \$0.50, Three \$1.35

**WABASH.** 36" (Williamson) 1937; mid-season. Standards are white; falls a bright violet with a white margin. Each \$0.50, Three \$1.35

**WHITE WEDGWOOD.** 38" (Grant) 1943; early mid-season. Large porcelain white with blue at base of white beard. Each \$1.00, Three \$2.75

#### COLLECTION V

#### IRIS — BICOLORS

One each; **AMIGO**, light lavender and purple; **CITY OF LINCOLN**, yellow and red; **JUNALUSKA**, bronze and maroon; **RUTH POLLOCK**, brown and yellow; **WABASH**, white and violet.

5 Bearded Iris, only \$2.25

#### COLLECTION X

#### EXHIBITION IRIS

One each: **BLUE RHYTHM**, medium blue; **LADY MOHR**, oyster shell and chartreuse; **SOLID MAHOGANY**, brownish red mahogany; **PRAIRIE SUNSET**, blending of pink, apricot and rose.

4 Bearded Iris, only \$3.85

#### COLLECTION W

#### IRIS — NOVELTIES

One each: **BLUE SHIMMER**, white with blue stippling; **ROYAL SCOT**, plaid red; **MARQUITA**, creamy yellow with candy striped falls; **TIFFANY**, rose stitchings on yellow background.

4 Bearded Iris, only \$2.45

#### COLLECTION Y

#### FAVORITE IRIS

One each: **ELMOHR**, red-violet; **MULBERRY ROSE**, deep rose pink; **OLA KALA**, rich golden yellow; **SABLE**, almost black.

4 Bearded Iris, only \$3.50

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## TULIPS . . . HYACINTHS . . . CROCUS . . . DUTCH IRIS

Your copy of McLean's Fall 1952 Bulb Bulletin will be mailed in July—watch for it. We will offer the finest American grown and imported Tulips, Hyacinths, Dutch Iris and miscellaneous bulbs for Fall planting.

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## DAFFODILS IN COLOR

McLean's brand new "Daffodil Parade" is a 24 page illustrated booklet containing 38 different color plates complete with classification and variety descriptions. You will find this booklet a great help in selecting Daffodils for your garden. Send for your copy today.

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## The Wonder Bulb COLCHICUM

A most interesting feat of Colchicums is their ability to flower from dry bulbs without soil or water. This makes them valuable novelty gifts for friends and most fascinating for shut-ins to watch develop.

The flat based, clean bulbs may be set on a table, on the window sill or in a container where they will start flowering. After flowering in the house, the bulbs should be planted in the garden at once. Good loamy soil is preferred with the tip of the long bulbs placed one to two inches under the surface.

In very warm climates partial shade is preferable, otherwise they succeed best in an open sunny border.

Colchicums are charming and interesting plants, hardy, persistent, and of easy culture. These great crocus-like flowers carpet the ground in September and October without foliage, the foliage appearing early in the spring, usually lasting until July.

<b>CONQUEST.</b> Large dark violet.....	Three \$1.30, Six \$2.50, Doz. \$4.75
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<b>PREMIER.</b> Purplish violet.....	Three \$1.30, Six \$2.50, Doz. \$4.75
<b>THE GIANT.</b> Immense lavender.....	Three \$1.30, Six \$2.50, Doz. \$4.75
<b>VIOLET QUEEN.</b> Deep purplish violet.....	Three \$1.30, Six \$2.50, Doz. \$4.75
<b>WATER LILY.</b> New DOUBLE Colchicum, violet.....	Each \$0.75, Three \$2.00

### COLLECTION Z

### COLCHICUMS

One bulb each: **CONQUEST, DANTON, PREMIER, THE GIANT, VIOLET QUEEN** and **WATER LILY**. Each properly labeled.

**6 Colchicum Bulbs, only \$2.50**

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